

WHAT IS CLAIMED IS:

1. A system for making a liquid-retaining wall, such as a swimming pool wall, from prefabricated panels, the system comprising at least assembly means for assembling
5 together two consecutive vertically-disposed panels, a low belt which supports the panels, and a high belt which is fitted to the panels, the assembly means having the function of holding together two assembled-together panels while allowing one of the panels to move angularly
10 relative to the other about a vertical axis, and also including angle-determining means for ensuring that at least two consecutive panels are at a determined angular orientation relative to each other as a function of the outline of the wall to be made, and further including
15 stiffening means for stiffening the panels once they have been assembled to one another, wherein the wall is made up of plane panels which are equally suitable for including in a rectilinear or a curved portion of the outline of the wall to be made, and wherein each angle-
20 determining means is constituted by a part presenting two arms that form a determined angle relative to each other.
2. A system according to claim 1, wherein all the panels
25 are identical.
3. A system according to claim 1, including means for leveling the heights of two consecutive panels.
4. A system according to claim 1, wherein the low and
30 high belts of the system are rigidly connected to each other by a portion of the assembly means.
5. A system according to claim 1, wherein the angle-
35 determining means for shaping the angle between at least two consecutive panels are situated in the low belt and/or in the high belt of the system.

6. A system according to claim 1, wherein the low belt which supports the panels is constituted by a plurality of section members, each section member extending over a length that is at least as long as the length of a panel supported thereby.

7. A system according to claim 6, wherein each section member of the low belt is rectilinear and forms a substantially channel section gutter with a double wall extending along one of its longitudinal sides to define a slot in which the bottom portion of at least one panel is engaged.

8. A system according to claim 7, wherein the angle-determining means are mounted in two adjacent gutters formed by two consecutive section members of the low belt.

9. A system according to claim 7, wherein each section member of the low belt is stiffened by reinforcing means.

10. A system according to claim 9, wherein the reinforcing means are constituted by concrete which is cast into the gutter formed by each of the section members of the low belt.

11. A system according to claim 1, wherein the high belt which is fitted to the panels is constituted by a set of strips and by a set of section members fixed respectively to the strips, each strip and each section member extending over a length that is at least as long as the length of a panel on which they are fitted.

12. A system according to claim 11, wherein each section member associated with a strip is fixed by being engaged in said section member.

13. A system according to claim 12, wherein each section member forms a substantially channel section gutter, and wherein angle-determining means are mounted in two adjacent gutters formed by two consecutive section members of the high belt.

14. A system according to claim 13, wherein each section member of the high belt is stiffened by reinforcing means.

15. A system according to claim 14, wherein the reinforcing means are constituted by concrete which is cast into the gutter formed by each section member of the high belt.

16. A system according to claim 1, wherein each panel mounted in a vertical position presents two vertical lateral edges, each lateral edge presenting over all or part of its height a folded flange, the two flanges of a panel being folded towards the same side of the panel, and wherein the assembly means between two consecutive panels comprise at least an internal, first section member mounted between the two adjacent flanges of two consecutive panels, and at least an external, second section member fitted over the two adjacent flanges of said panels and which penetrate into the insides of the low and high belts.

17. A system according to claim 16, including leveling means for leveling the heights of two consecutive panels.

18. A system according to claim 17, wherein the leveling means are constituted by a pin which is engaged in two holes pierced in the bottom portions of the flanges of the panels.

19. A system according to claim 1, wherein each panel is made from a metal sheet that is about 1.5 mm to 2 mm thick.

5 20. A system according to claim 19, wherein each panel is made in the form of a box section built up from two metal sheets interconnected by the low and high belts.

10 21. A water-retaining wall, in particular a swimming pool wall, the water-retaining wall being made using a system as defined in claim 1.